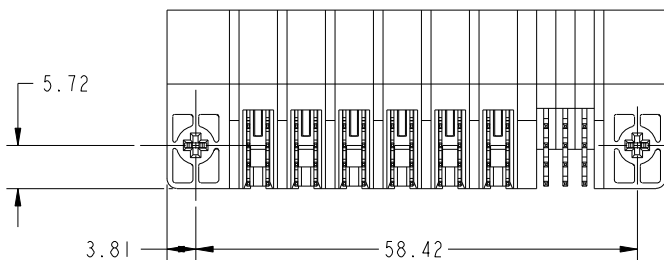
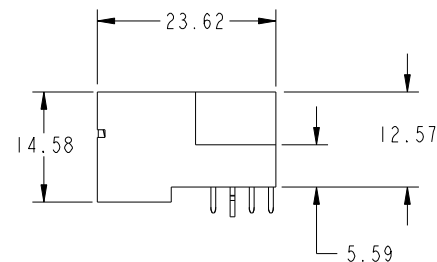
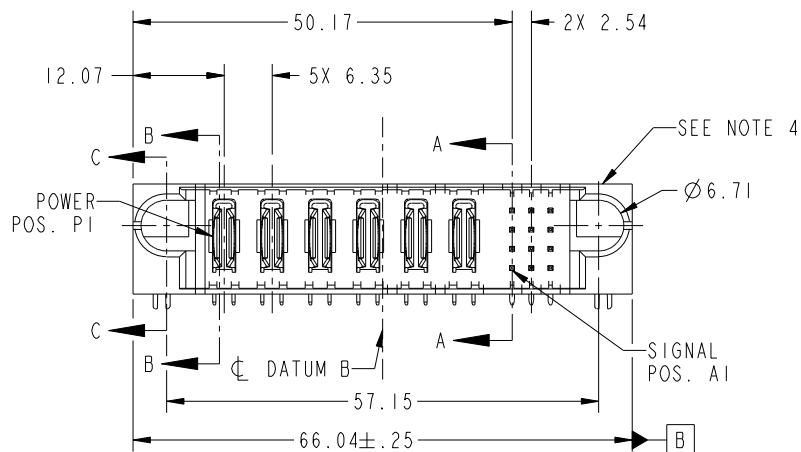




PRODUCT NO.	ROW S		POWER						SIGNAL				
		E1	P1	P2	P3	P4	P5	P6	1	2	3	E2	
51939-201-- NOTE③	D C B A		 PA	 PA	 PA	 PA	 PA	 PA	 UUU	 TTT	 SSS	 RRR	
													



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG05-0282	SW	08/10/05	linear		0.X ±0.5		projection		title 6P + 12S RIGHT ANGLE SOLDER HEADER	
B	DG05-0566	CS	12/22/05			0.XX ±0.25					
C	DG07-0498	JW	09/12/08	angles		0.XXX ±0.10				product family PwrBlade	
						0° ±2°					
				dr	STEVEN WANG	08/10/05		MM		size A	
				enrg	STEVEN WANG	08/10/05		scale			
				chr	VICTOR LIN	08/10/05				dwg no 51939-201	
				appd	JOSEPH HSIA	08/10/05					
sheet index	revision sheet	C	C	C	C	C	C			code 213	
		1	2	3	4						
										sheet 1 of 4	

3

4

A

A

B

B

1 | 2

Pro/E

PDM: Rev: C

STAT: Released

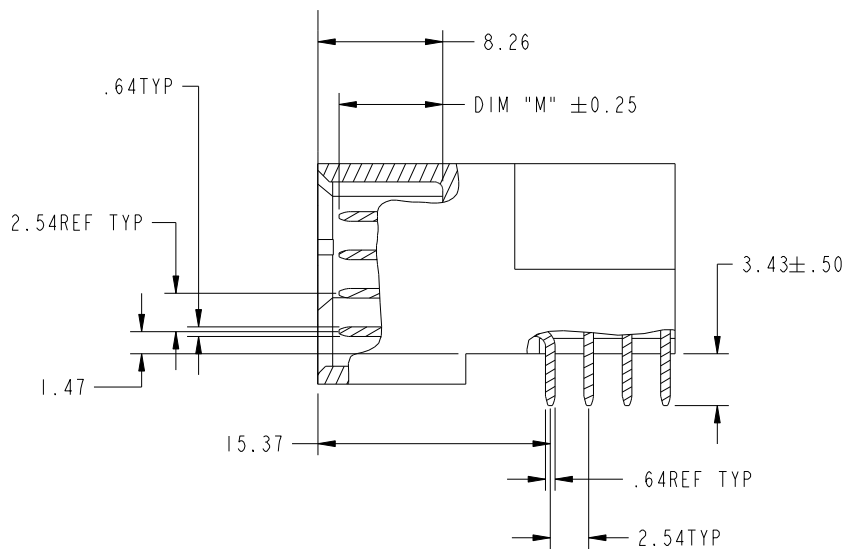
Printed: Dec 20, 2010

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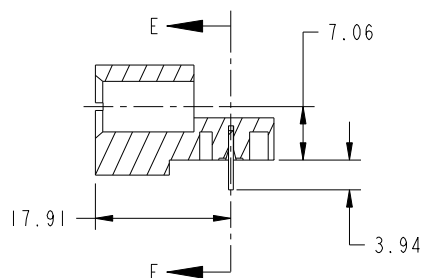
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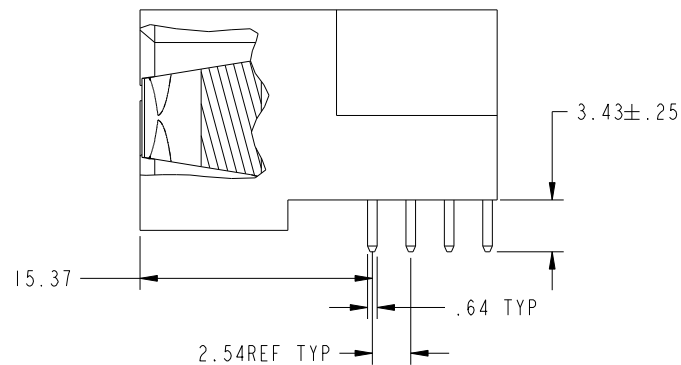
PRODUCT NUMBER
51939-201--
NOTE: 3



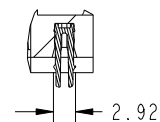
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION E-E

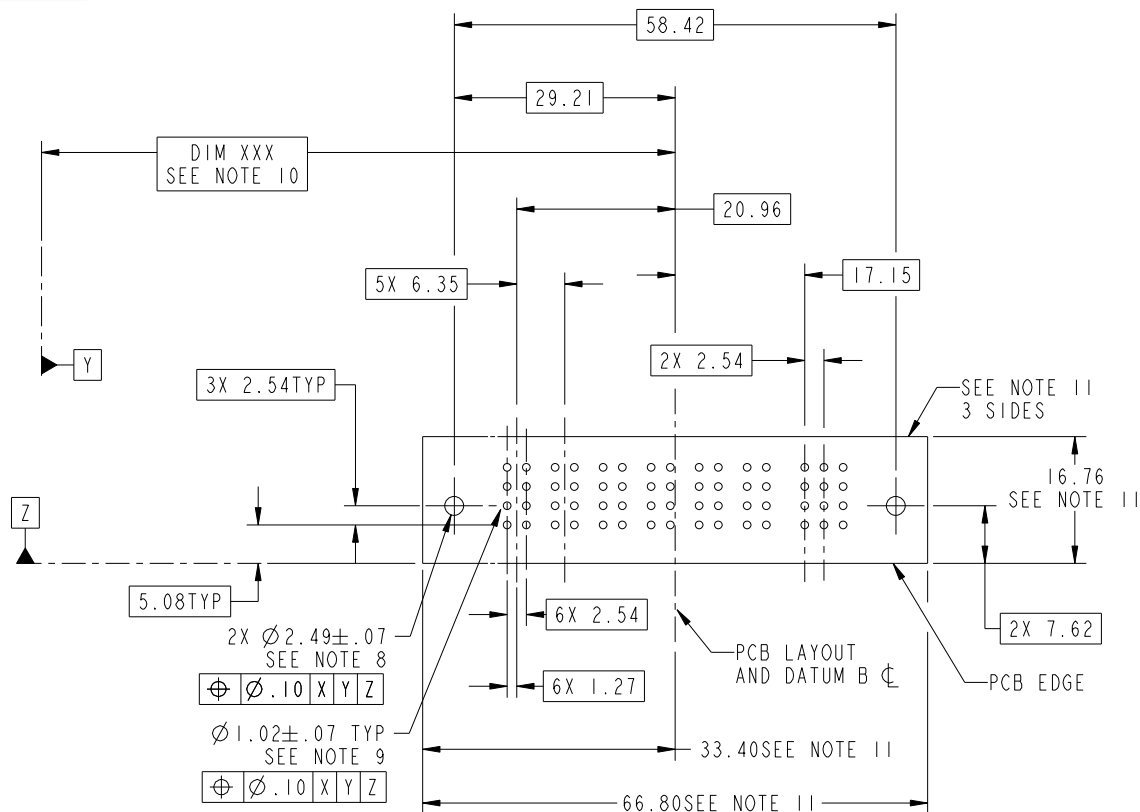
mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com			
C							0.XX ±0.25	projection		title			
						angles	0.XXX ±0.10			6P + 12S			
							0° ±2°			RIGHT ANGLE SOLDER HEADER			
						dr	STEVEN WANG 08/10/05			product family		PwrBlade	code
						enr	STEVEN WANG 08/10/05			size	dwg no		213
						chr	VICTOR LIN 08/10/05			A		51939-201	sheet
						appd	JOSEPH HSIA 08/10/05			1:1			2
sheet index	revision sheet												

cage code 28506



PRODUCT NUMBER

51939-201--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
C				linear		0.X ± 0.5		projection		title 6P + 12S RIGHT ANGLE SOLDER HEADER	
						0.XX ± 0.25					
				angles		0.XXX ± 0.10					
						0° ± 2°				product family PwrBlade	
				dr	STEVEN WANG	08/10/05		MM		code 213	
				enrg	STEVEN WANG	08/10/05		scale		size dwg no	
				chr	VICTOR LIN	08/10/05		1:1		A 51939-201	
				appd	JOSEPH HSIA	08/10/05				sheet 3	
sheet index	revision sheet										

cage code 22506



1 | 2

3 |

4

PRODUCT NUMBER

51939-201--
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- ②. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

- △ 3. PLATING:
SEE ITEM 1&2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-201; 51939-201LF PRESPECTIVELY

- ④. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

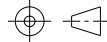
- ⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- ⑨. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH:
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.

- ⑩. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- ⑪. CONNECTOR KEEP-OUT ZONE.

12. A △ SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.5				COPY				title 6P + 12S RIGHT ANGLE SOLDER HEADER						
C					0.XX ±0.25				projection										
					0.XXX ±0.10														
				angles	0° ±2°								product family PwrBlade				code		
				dr	STEVEN WANG 08/10/05				scale 1:1				size		dwg no		213		
				enrg	STEVEN WANG 08/10/05								A		51939-201		sheet		
				chr	VICTOR LIN 08/10/05												4		
				appd	JOSEPH HSIA 08/10/05														
sheet index		revision sheet																	

A

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1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010